

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifie	. Facility identification (i.e., Boiler #1, Unit #1, etc): Coke Drum 1A Steam Vent								
2. Manufacturer:	to be determined		Manufacture date:	tbd					
3. Model number:	to be determined								
4. Type (i.e., stean	boiler, simple cycle combustion t	urbine, generator	; etc.)						
5. Maximum designed operating rate (name plate):									
60,000	bbls/day nominal Delayed Cok	er charge rate							
or			horsepower						
or			kilowatts						
6. Check the appro	priate box(es) for primary and sec	ondary fuels:	_						
Natural gas		Propane	e						
Distillate oil	Sulfur content		Weight percent						
Residual oil	Sulfur content		Weight percent						
Bituminous	Coal Subbitumino	us Coal	Lignite Coa	ıl					
Coal sulfur con	tent Weight perce	ent Coal ash co	ontent We	eight percent					
Other (pleas	e specify)								
7. Has a stack test	been conducted (check appropriate	box)?	Yes 🔽	No					
	been conducted, please attach a co								
application. If the most recent stack t	Department already has a copy of	the most recent s	tack test, please spec	fy the date of					
Date of most recer									
Date of most recei	it stack test.								
Control Equipme	nt: If applicable, types of air pollu	tion control equi	pment (Examples: ba	ghouse,					
cyclone, wet scrub	ber, electrostatic precipitator, there	nal oxidizer, mis	cellaneous control de	vice, etc.).					

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

				_				
X- Coordinate	or Easting:			feet		686,50	03.00	meters
Y- Coordinate or Northing:		feet	feet		911.00	meters		
Base Elevation	Base Elevation of Stack: 1,220.00		feet			meters		
Stack Height:		275.00	275.00					meters
Exit Stack Dia	Stack Diameter 1.67		feet				meters	
Exit Stack Ter	nperature	212.00		degrees	Fahre	nheit		
Exit Stack Vel	locity and/or Fl	ow Rate:		•				
Velocity:	13.00	13.00 feet per						meters per second
	and/or							
Flow Rate:		actual cubi	ctual cubic feet per minute				actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	1B Steam Vent								
2. Manufacturer:	to be determin	ed		Manufacture date	: tbd				
3. Model number:	to be determin	ed							
4. Type (i.e., steam	boiler, simple cyc	ele combustion tui	bine, generator	, etc.)					
5. Maximum design	5. Maximum designed operating rate (name plate):								
60,000 bbls/day nominal Delayed Coker charge rate									
or				horsepower					
or				kilowatts					
6. Check the approp	riate box(es) for J	orimary and secon	ndary fuels:						
Natural gas			Propane	e					
Distillate oil		Sulfur content		Weight percent					
Residual oil		Sulfur content		Weight percent					
Bituminous C	oal	Subbituminous	s Coal	Lignite C	loal				
Coal sulfur conte	ent	Weight percen	t Coal ash co	ntent \ \V	Veight percent				
Other (please	specify)								
7. Has a stack test be	een conducted (cl	neck appropriate b	oox)?	Yes	No				
If a stack test has b application. If the Γ most recent stack test	Department alread								
Date of most recent									
Dute of most recent	stack test.								
Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).									

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.								
X- Coordinate	or Easting:			feet		686,50	03.00	meters
Y- Coordinate or Northing:			feet		4,741,	901.00	meters	
Base Elevation of Stack: 1,220.00			feet				meters	
Stack Height: 275.00			feet	eet			meters	
Exit Stack Dia	ameter	1.67		feet				meters
Exit Stack Ter	mperature	212.00		degrees Fahrenheit				
Exit Stack Vel	locity and/or Flo	ow Rate:		•				
Velocity:	13.00	.00 feet per						meters per second
and/or								
Flow Rate:		actual cubic feet per minute					actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identification (i.e., Boiler #1, Unit #1, etc): Coke Drum 1C Steam Vent									
2. Manufacturer:	to be determin	ed		Manufacture date	e: tbd				
3. Model number:	to be determin	ed							
4. Type (i.e., steam	4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)								
5. Maximum design	5. Maximum designed operating rate (name plate):								
60,000 bbls/day nominal Delayed Coker charge rate									
or				horsepower					
or				kilowatts					
6. Check the approp	riate box(es) for p	orimary and secon	ndary fuels:						
Natural gas			Propane	2					
Distillate oil		Sulfur content		Weight percent					
Residual oil		Sulfur content		Weight percent					
Bituminous C	Coal	Subbituminous	s Coal	Lignite (Coal				
Coal sulfur conte	ent	Weight percen	t Coal ash co	ntent	Weight percent				
Other (please	specify)								
7. Has a stack test be	een conducted (cl	neck appropriate b	oox)?	Yes 🗸	No				
If a stack test has b application. If the Γ most recent stack test	Department alread								
Date of most recent									
Date of most recent	Stack test.								
Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).									

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.								
X- Coordinate	or Easting:			feet		686,50	03.00	meters
Y- Coordinate or Northing:			feet		4,741,	891.00	meters	
Base Elevation of Stack: 1,220.00			feet				meters	
Stack Height: 275.00			feet	feet			meters	
Exit Stack Dia	ameter	1.67		feet				meters
Exit Stack Ter	mperature	212.00		degrees Fahrenheit				
Exit Stack Vel	locity and/or Flo	ow Rate:		•				
Velocity:	13.00	3.00 feet per						meters per second
and/or								
Flow Rate:	actual cubic feet per minute						actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identific	. Facility identification (i.e., Boiler #1, Unit #1, etc): Coke Drum 1D Steam Vent								
2. Manufacturer:	to be determined		Manufacture date:	tbd					
3. Model number:	to be determined								
4. Type (i.e., steam	boiler, simple cycle combustion tur	bine, generator	, etc.)						
5. Maximum designed operating rate (name plate):									
60,000	bbls/day nominal Delayed Coker	charge rate							
or			horsepower						
or			kilowatts						
6. Check the appro	priate box(es) for primary and secon	dary fuels:	-						
Natural gas		Propane							
Distillate oil	Sulfur content		Weight percent						
Residual oil	Sulfur content		Weight percent						
Bituminous	Coal Subbituminous	Coal	Lignite Co	al					
Coal sulfur con	tent Weight percent	Coal ash coal	ntent We	eight percent					
Other (pleas	e specify)								
7. Has a stack test	been conducted (check appropriate b	oox)?	Yes	No					
	been conducted, please attach a copy								
application. If the most recent stack t	Department already has a copy of the	e most recent st	tack test, please spec	ify the date of					
Date of most recen									
Date of most recen	t stack test.								
Control Equipme	nt: If applicable, types of air pollution	on control equip	oment (Examples: ba	ghouse,					
cyclone, wet scrub	ber, electrostatic precipitator, therma	ıl oxidizer, misc	cellaneous control de	vice, etc.).					

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.								
X- Coordinate	or Easting:			feet		686,50	03.00	meters
Y- Coordinate or Northing:			feet		4,741,	881.00	meters	
Base Elevation of Stack: 1,220.00			feet				meters	
Stack Height: 275.00			feet	eet			meters	
Exit Stack Dia	ameter	1.67		feet				meters
Exit Stack Ter	mperature	212.00		degrees Fahrenheit				
Exit Stack Vel	locity and/or Flo	ow Rate:		•				
Velocity:	13.00	feet per						meters per second
and/or								
Flow Rate:	actual cubic feet per minute						actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	. Facility identification (i.e., Boiler #1, Unit #1, etc): Coke Drum 2A Steam Vent							
2. Manufacturer:	to be determined		Manufacture date:	tbd				
3. Model number:	to be determined							
4. Type (i.e., steam	boiler, simple cycle combustion tu	rbine, generator	, etc.)					
5. Maximum designed operating rate (name plate):								
60,000	bbls/day nominal Delayed Coke	r charge rate						
or			horsepower					
or			kilowatts					
6. Check the approp	priate box(es) for primary and secon	ndary fuels:						
Natural gas		Propane						
Distillate oil	Sulfur content		Weight percent					
Residual oil	Sulfur content		Weight percent					
Bituminous C	Coal Subbituminous	s Coal	Lignite Coa	ıl				
Coal sulfur conte	ent Weight percen	t Coal ash coal	ntent We	ight percent				
Other (please	specify)							
7. Has a stack test b	een conducted (check appropriate l	box)?	Yes 🔽	No				
	peen conducted, please attach a cop							
application. If the I most recent stack te	Department already has a copy of the	ne most recent st	tack test, please speci	fy the date of				
Date of most recent								
Date of most recent	stack test.							
Control Equipmen	at: If applicable, types of air polluti	on control equip	oment (Examples: ba	ghouse,				
cyclone, wet scrubb	per, electrostatic precipitator, therm	al oxidizer, misc	cellaneous control de	vice, etc.).				

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.								
X- Coordinate	or Easting:			feet		686,50	03.00	meters
Y- Coordinate or Northing:			feet		4,741,	871.00	meters	
Base Elevation of Stack: 1,220.00			feet				meters	
Stack Height: 275.00			feet	eet			meters	
Exit Stack Dia	ameter	1.67		feet				meters
Exit Stack Ter	mperature	212.00		degrees Fahrenheit				
Exit Stack Vel	locity and/or Flo	ow Rate:		•				
Velocity:	13.00	3.00 feet per						meters per second
and/or								
Flow Rate:	actual cubic feet per minute						actual cubi	c meters per second



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1. Facility identifica	ation (i.e., Boiler #1, Unit #	Coke Drum 2B Steam Vent						
2. Manufacturer:	to be determined			Manufactur	re date:	tbd		
3. Model number:	to be determined							
4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)								
5. Maximum design	ed operating rate (name pla	ite):						
60,000 k	obls/day nominal Delayed	d Coker	charge rate					
or		horsepower	r					
or		kilowatts						
6. Check the approp	priate box(es) for primary ar	nd second	dary fuels:	-				
Natural gas			Propane	e				
Distillate oil	Sulfur co	ontent	·	Weight perc	ent			
Residual oil	Sulfur co	ontent		Weight perc	ent			
Bituminous C	Coal Subbitu	uminous	Coal	Lig	gnite Coa	al		
Coal sulfur conte	ent Weight	t percent	Coal ash co	ntent	We	eight percent		
Other (please	specify)							
7. Has a stack test b	een conducted (check appro	priate b	ox)?	Yes	V	No		
	peen conducted, please attac							
* *	Department already has a co	py of the	e most recent s	tack test, ple	ase spec	ify the date of		
most recent stack te								
Date of most recent	stack test:							
Control Equipmen	t: If applicable, types of air	: pollutio	on control equi	oment (Exam	ıples: ba	ghouse.		
	er, electrostatic precipitator							
					_			

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.								
X- Coordinate	or Easting:			feet		686,50	03.00	meters
Y- Coordinate or Northing:			feet		4,741,	861.00	meters	
Base Elevation of Stack: 1,220.00			feet				meters	
Stack Height: 275.00			feet	feet			meters	
Exit Stack Dia	ameter	1.67		feet				meters
Exit Stack Ter	mperature	212.00		degrees Fahrenheit				
Exit Stack Vel	locity and/or Flo	ow Rate:		•				
Velocity:	13.00	3.00 feet per						meters per second
and/or								
Flow Rate:		actual cubic feet per minute					actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	tion (i.e., Boiler #	Coke Drum	Coke Drum 2C Steam Vent						
2. Manufacturer:	to be determin	ed		Manufacture dat	te: tbd				
3. Model number:	to be determin	ed							
4. Type (i.e., steam	4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)								
5. Maximum design	ed operating rate	(name plate):		_					
60,000 b	bls/day nomina	I Delayed Coke	r charge rate						
or				horsepower					
or				kilowatts					
6. Check the approp	riate box(es) for p	orimary and secon	ndary fuels:						
Natural gas			Propane	e					
Distillate oil		Sulfur content		Weight percent					
Residual oil		Sulfur content		Weight percent					
Bituminous C	oal] Subbituminous	s Coal	Lignite	Coal				
Coal sulfur conte	ent	Weight percen	t Coal ash co	ntent	Weight percent				
Other (please	specify)								
7. Has a stack test be	een conducted (cl	neck appropriate b	oox)?	Yes	No				
If a stack test has b application. If the D									
most recent stack tes									
Date of most recent	stack test:								
Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).									

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.								
X- Coordinate	or Easting:			feet		686,50	03.00	meters
Y- Coordinate	or Northing:					4,741,851.00		meters
Base Elevation	n of Stack:	1,220.00		feet				meters
Stack Height:		275.00		feet				meters
Exit Stack Dia	ameter	1.67		feet				meters
Exit Stack Ter	mperature	212.00		degrees	Fahre	nheit		•
Exit Stack Vel	locity and/or Flo	ow Rate:		•				
Velocity:	13.00		feet per	second				meters per second
			-	and/or				-
Flow Rate:		actual cubi	c feet per	minute			actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	Coke Drum	Coke Drum 2D Steam Vent						
2. Manufacturer:	to be determined			Manufacture	date:	tbd		
3. Model number:	to be determined							
4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)								
5. Maximum design	ed operating rate (name p	late):						
60,000 k	obls/day nominal Delaye	ed Coker	charge rate					
or			horsepower					
or				kilowatts				
6. Check the approp	oriate box(es) for primary	and second	dary fuels:	•				
Natural gas			Propane	e				
Distillate oil	Sulfur	content		Weight percer	nt			
Residual oil	Sulfur	content		Weight percer	nt			
Bituminous C	Coal Subbi	ituminous	Coal	Lign	ite Coa	al		
Coal sulfur conte	ent Weig	ht percent	Coal ash co	ntent	We	eight percent		
Other (please	specify)							
7. Has a stack test b	een conducted (check app	ropriate bo	ox)?	Yes	'	No		
	peen conducted, please atta							
* *	Department already has a c	copy of the	e most recent s	tack test, pleas	e spec	ify the date of		
most recent stack te								
Date of most recent	stack test:							
Control Equipmen	Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse,							
cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).								

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

				_				
X- Coordinate	or Easting:			feet		686,50	03.00	meters
Y- Coordinate	7- Coordinate or Northing:		feet		4,741,	841.00	meters	
Base Elevation	n of Stack:	1,220.00	1,220.00		feet			meters
Stack Height:		275.00	275.00					meters
Exit Stack Dia	ameter	1.67	1.67					meters
Exit Stack Ter	mperature	212.00	212.00 degre			nheit		
Exit Stack Ve	locity and/or Fl	ow Rate:						
Velocity:	13.00		feet per s					meters per second
	and/or							
Flow Rate:		actual cubic	ctual cubic feet per minute				actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	tion (i.e., Boiler #1	I, Unit #1, etc):	Refinery Co	ker Flare			
2. Manufacturer:	to be determine	d		Manufact	ure date:	tbd	
3. Model number:	to be determine	d					
4. Type (i.e., steam	boiler, simple cycle	e combustion turl	oine, generator	r, etc.)			
elevated emergend	cy flare						
5. Maximum design	ed operating rate (1	name plate):		* - emergency relief capacity			
1.0 MME	3tu/hr pilot gas flo	tu/hr pilot gas flow rate			1.9 million lbs/hr		
or				horsepow	er		
or				kilowatts			
6. Check the approp	riate box(es) for pr	rimary and secon	dary fuels:	_			
✓ Natural gas			Propan	e			
Distillate oil		Sulfur content		Weight per	cent		
Residual oil		Sulfur content		Weight per	cent		
Bituminous C	loal	Subbituminous	Coal	L	ignite Coa	ıl	
Coal sulfur conte	ent	Weight percent	Coal ash co	ontent	We	eight percent	
Other (please	specify)						
7. Has a stack test be	een conducted (che	eck appropriate b	ox)?	Yes	'	No	
If a stack test has b application. If the E most recent stack test	Department already	1.2					
Date of most recent	stack test:						
Control Equipmen cyclone, wet scrubbe	11 , 21					2	
Please complet	e the appropriate	air auglity pern	nit annlication	n form for 4	each tyne	of control	

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

		-		-			
X- Coordinate or Easting:		feet	687,404.77	meters			
Y- Coordinate or Northing:		feet	4,741,845.16	meters			
Base Elevation of Stack:	1,220.00	feet		meters			
Stack Height:	300.00	feet		meters			
Exit Stack Diameter	4.00	feet		meters			
Exit Stack Temperature	1,983.00	degrees Fahrenheit					
Exit Stack Velocity and/or Flo	w Rate:						
Velocity: 1.00	feet per	second		meters per second			
and/or							
Flow Rate:	actual cubic feet per	minute	actual cubi	c meters per second			



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	tion (i.e., Boiler #1, Unit #	‡1, etc):	Refinery HF	P Flare	1A		
2. Manufacturer:	to be determined			Manu	facture date:	tbd	
3. Model number:	to be determined						
4. Type (i.e., steam	boiler, simple cycle combu	ustion turl	oine, generator	r, etc.)			
elevated emergend	cy flare						
5. Maximum design	ed operating rate (name pla	ate):		_	* - eme	rgency relief capacity	
1.0 MME	Btu/hr pilot gas flow rate				1.2 million lbs/hr		
or				horsep	oower		
or				kilowa	atts		
6. Check the approp	riate box(es) for primary a	and secon	dary fuels:				
✓ Natural gas			Propan	e			
Distillate oil	Sulfur c	content		Weight	percent		
Residual oil	Sulfur c	content		Weight	percent		
Bituminous C	coal Subbit	tuminous	Coal		Lignite Coa	al	
Coal sulfur conte	ent Weigh	nt percent	Coal ash co	ontent	We	eight percent	
Other (please	specify)						
7. Has a stack test b	een conducted (check appr	opriate b	ox)?	Ye	es 🔽	No	
	peen conducted, please atta Department already has a cost.	1.2					
Date of most recent	stack test:						
	t: If applicable, types of ai er, electrostatic precipitato				*	9	
Please complet	e the appropriate air qua	ılity nern	nit annlication	n form t	or each type	of control	

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

				_					
X- Coordinate	or Easting:			feet		687,55	57.17	meters	
Y- Coordinate	or Northing:			feet		4,742,	735.17	meters	
Base Elevation	n of Stack:	1,220.00	1,220.00					meters	
Stack Height:		200.00	200.00					meters	
Exit Stack Dia	ımeter	5.00	5.00					meters	
Exit Stack Ter	mperature	1,983.00)	degrees	degrees Fahrenheit				
Exit Stack Vel	locity and/or Fl	ow Rate:		•					
Velocity:	0.60		feet per	second				meters per second	
	and/or								
Flow Rate:		actual cubic	ctual cubic feet per minute				actual cubi	c meters per second	



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	ition (i.e., Boiler #	1, Unit #1, etc):	Refinery HP Flare 1B			
2. Manufacturer:	to be determine	ed		Manufac	ture date:	tbd
3. Model number:	to be determine	ed				
4. Type (i.e., steam)	boiler, simple cycl	le combustion turl	oine, generator	r, etc.)		
elevated emergend	cy flare					
5. Maximum design	ed operating rate (name plate):			* - emer	gency relief capacity
1.0 MMBtu/hr pilot gas flow rate						on lbs/hr
or					wer	
or				kilowatts	S	
6. Check the approp	riate box(es) for p	rimary and secon	dary fuels:	<u> </u>		
✓ Natural gas			Propan	e		
Distillate oil		Sulfur content	•	Weight po	ercent	
Residual oil		Sulfur content		Weight po	ercent	
Bituminous C	Coal	Subbituminous	Coal		Lignite Coa	1
Coal sulfur conte	ent	Weight percent	Coal ash co	ontent	We	ight percent
Other (please	specify)	•				
7. Has a stack test be	een conducted (ch	eck appropriate b	ox)?	Yes	~	No
If a stack test has be application. If the E most recent stack test	Department already					
Date of most recent	stack test:					
Control Equipmen cyclone, wet scrubb						
Please complet	e the appropriate	air quality pern	nit application	n form for	each type	of control

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.								
X- Coordinate	or Easting:			feet		687,5	57.17	meters
Y- Coordinate	or Northing:					4,742,290.16		meters
Base Elevation	n of Stack:	1,220.00		feet				meters
Stack Height:		200.00		feet				meters
Exit Stack Dia	meter	5.00		feet				meters
Exit Stack Ter	nperature	1,983.00)	degrees	egrees Fahrenheit			
Exit Stack Vel	locity and/or Flo	ow Rate:		-				
Velocity:	0.60		feet per	second				meters per second
and/or								
Flow Rate:		actual cubi	c feet per	minute			actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	tion (i.e., Boiler #1	, Unit #1, etc):	Refinery LP	Flare 2A	4	
2. Manufacturer:	to be determine	d		Manufa	cture date:	tbd
3. Model number:	to be determine	d				
4. Type (i.e., steam	boiler, simple cycle	e combustion turl	bine, generator	r, etc.)		<u> </u>
elevated emergend	cy flare					
5. Maximum design	ed operating rate (1	name plate):			* - emer	gency relief capacity i
1.0 MME	Stu/hr pilot gas flow rate					on lbs/hr
or				horsepo	wer	
or				kilowatt	ts	
6. Check the approp	riate box(es) for pr	rimary and secon	dary fuels:	_		
Natural gas			Propan	e		
Distillate oil		Sulfur content		Weight p	ercent	
Residual oil		Sulfur content		Weight p	ercent	
Bituminous C	oal	Subbituminous	Coal		Lignite Coa	ıl
Coal sulfur conte	ent	Weight percent	Coal ash co	ontent	We	ight percent
Other (please	specify)		-		•	
7. Has a stack test be	een conducted (che	eck appropriate b	ox)?	Yes	V	No
If a stack test has be application. If the E most recent stack test	Department already	1.7				
Date of most recent	stack test:					
Control Equipmen cyclone, wet scrubbe	11 , 21					-
Please complet	e the appropriate	air quality nern	nit annlication	n form for	r each type	of control

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

X- Coordinate	or Easting:		feet	687,404.77	meters		
Y- Coordinate	or Northing:		feet	4,742,735.17	meters		
Base Elevation	n of Stack:	1,220.00	feet		meters		
Stack Height:		300.00	feet		meters		
Exit Stack Dia	meter	5.00	feet		meters		
Exit Stack Ter	mperature	1,983.00	degrees Fahre				
Exit Stack Vel	locity and/or Flo	w Rate:					
Velocity:	0.60	feet per	second		meters per second		
and/or							
Flow Rate:	8	actual cubic feet per	minute	actual cubi	c meters per second		



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	1. Facility identification (i.e., Boiler #1, Unit #1, etc):			Refinery LP Flare 2B				
2. Manufacturer:	to be determine	ed		Manufacti	ure date:	tbd		
3. Model number:	to be determine	ed						
4. Type (i.e., steam	boiler, simple cycl	e combustion turl	oine, generator	r, etc.)				
elevated emergend	cy flare							
5. Maximum design	ed operating rate (name plate):			* - emei	gency relief capacity i		
1.0 MME	Stu/hr pilot gas flow rate]		on lbs/hr		
or				horsepowe	er			
or				kilowatts				
6. Check the approp	riate box(es) for pr	rimary and secon	dary fuels:	_				
Natural gas			Propan	e				
Distillate oil		Sulfur content	•	Weight per	cent			
Residual oil		Sulfur content		Weight per	cent			
Bituminous C	oal	Subbituminous	Coal	Li	ignite Coa	ıl		
Coal sulfur conte	ent	Weight percent	Coal ash co	ontent	We	ight percent		
Other (please	specify)			<u>'</u>	•			
7. Has a stack test be	een conducted (che	eck appropriate b	ox)?	Yes	~	No		
If a stack test has be application. If the E most recent stack test	Department already	1 -						
Date of most recent	stack test:							
Control Equipmen cyclone, wet scrubbe	11		* .			-		
Please complet	e the appropriate	air quality pern	nit annlication	n form for e	each type	of control		

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.								
X- Coordinate	or Easting:			feet		687,40	04.77	meters
Y- Coordinate	or Northing:	ıg:		feet		4,742,290.16		meters
Base Elevation	n of Stack:	1,220.00		feet				meters
Stack Height:		300.00		feet				meters
Exit Stack Dia	ımeter	5.00		feet				meters
Exit Stack Ter	nperature	1,983.00)	degrees Fahrenheit				
Exit Stack Vel	locity and/or Flo	ow Rate:	_	_				_
Velocity:	0.60		feet per	second				meters per second
and/or								
Flow Rate:		actual cubi	c feet per	minute			actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identification	1. Facility identification (i.e., Boiler #1, Unit #1, etc): Gasification System								
2. Manufacturer: to	o be determined			Manufacture da	ate:	tbd			
3. Model number: to	o be determined								
4. Type (i.e., steam bo	oiler, simple cycle combi	ustion turb	ine, generator	, etc.)					
oxygen-blown, slagg	ing gasifiers with shift	conversion	on reactors						
5. Maximum designed	l operating rate (name pl	late):		_					
10,564		million Btus pe	er hou	ır heat input					
or			horsepower						
or				kilowatts					
6. Check the appropriate box(es) for primary and secondary raw materials:									
Natural gas			Propane	e					
Distillate oil	Sulfur	content		Weight percent					
Residual oil	Sulfur o	content		Weight percent					
Bituminous Coa	al V Subbi	tuminous (Coal	Lignite	Coa	1			
Coal sulfur content	t Weigh	nt percent	Coal ash co	ntent	Wei	ight percent			
Other (please sp	petroleum	n coke							
7. Has a stack test bee	en conducted (check appr	ropriate bo	ox)?	Yes	✓	No			
	en conducted, please atta partment already has a c								
Date of most recent sta	ack test:								
Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).									
gasification system f	flare								

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this againformation.	pplication is	s a renewal	l, contac	t the air progra	am. We may	have this
X- Coordinate or Easting:			feet			meters
Y- Coordinate or Northing:			feet			meters
Base Elevation of Stack:			feet			meters
Stack Height:			feet			meters
Exit Stack Diameter						meters
Exit Stack Temperature			degrees	Fahrenheit		
Exit Stack Velocity and/or Fl	low Rate:					
Velocity:		feet per s	second			meters per second
		a	nd/or			
Flow Rate:	actual cubi	c feet per	minute		actual cubi	c meters per second
Gasification s	and shute	down peri	iods, sy	stem exhaus	ts through	

gasification system flare stack data.



Air Quality Permit Application Form

Thermal Oxidizer

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit, Minor Operating Permit, or the General Permits. (please complete shaded areas)

Equipment and processes served by this thermal oxidizer (please list all equipment and processes):

Equipment and Processes									
1. Gasification Sy	stem								
2.									
3.									
4.									
Manufacturer Information:									
Manufacturer?	to be de	etermined							
Manufacturer date?	to be de	etermined	Instal	lation d	ate?	to be detern	nined		
Manufacturer's design	ned contr	ol efficiency?				%			
Maximum heat input	mum heat input? 786.43				n Btus	s per hour			
Lowest operating tem	ating temperature? n/a				Degrees Fahrenheit				
Residence time?	n/a			Secon	ds				
Type of fuel?	natural gas			Prima	ry				
				Secon	dary				
Stack Information: information.	If this ap	plication is a renew	al, conta	ct the ai	ir prog	gram. We may	have this		
X- Coordinate or Eas	ting:		feet	or	687,	172.69	meters		
Y- Coordinate or Nor	rthing:		feet	or	4,74	1,886.00	meters		
Base Elevation of Sta	ick:	1,220.00	feet	or			meters		
Stack Height:		350.00	feet	or			meters		
Exit Stack Diameter		5.00	feet	or			meters		
Exit Stack Temperatu	ıre	1,832.00	degree	s Fahre	nheit		-		
Exit Stack Velocity a	nd/or Flo	w Rate:	_				_		
Velocity: 508.8	80	feet per	second				meters per second		
			and/or				-		
Flow Rate:	ä	actual cubic feet per	r minute			actual cubi	c meters per second		



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	tion (i.e., Boiler #	Gasifier Sta	r Startup Burner #1						
2. Manufacturer:	to be determin	ed		Manufacture date:	tbd				
3. Model number:	to be determin	ed							
4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)									
5. Maximum designed operating rate (name plate):									
18				million Btus per h	our heat input				
or			horsepower						
or				kilowatts					
6. Check the appropriate box(es) for primary and secondary raw materials:									
✓ Natural gas			Propane	e					
Distillate oil		Sulfur content		Weight percent					
Residual oil		Sulfur content		Weight percent					
Bituminous C	Coal	Subbituminous	s Coal	Lignite Co	oal				
Coal sulfur conte	ent	Weight percen	t Coal ash co	ntent W	eight percent				
Other (please	specify)								
7. Has a stack test be	een conducted (cl	neck appropriate l	oox)?	Yes	No				
If a stack test has b application. If the Γ most recent stack test	Department alread			ecent stack test report tack test, please spe					
Date of most recent									
	Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).								
-,	,								

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

				_				
X- Coordinate	or Easting:			feet		686,86	60.00	meters
Y- Coordinate or Northing:			feet	feet		711.00	meters	
Base Elevation of Stack: 1,220.00		feet		meters				
Stack Height:		200.00	200.00					meters
Exit Stack Dia	it Stack Diameter 3.50		feet				meters	
Exit Stack Ter	nperature	236.00		degrees	Fahre	nheit		
Exit Stack Vel	locity and/or Fl	ow Rate:		•				
Velocity:	41.60		feet per	second				meters per second
and/or								
Flow Rate:		actual cubi	actual cubic feet per minute				actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identific	eation (i.e., Boiler #1, Unit #1, e	c): Gasifier S	Gasifier Startup Burner #2							
2. Manufacturer:	to be determined	·	Manufacture date:	tbd						
3. Model number:	to be determined		•							
4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)										
5. Maximum designed operating rate (name plate):										
18 million Btus per hour										
or		horsepower								
or		kilowatts								
6. Check the appropriate box(es) for primary and secondary raw materials:										
✓ Natural gas		Propa	ne							
Distillate oil	Sulfur conte	nt	Weight percent							
Residual oil	Sulfur conte	nt	Weight percent							
Bituminous	Coal Subbitumi	nous Coal	Lignite Coa	ıl						
Coal sulfur con	tent Weight pe	cent Coal ash	content We	eight percent						
Other (please	e specify)									
7. Has a stack test	been conducted (check appropri	ate box)?	Yes 🗸	No						
	been conducted, please attach a Department already has a copy est.									
Date of most recen	t stack test:									
Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).										
cyclone, wet scrub	ber, electrostatic precipitator, th	ermal oxidizer, m	iscellaneous control de	vice, etc.).						

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

				•				
X- Coordinate	or Easting:			feet		686,874.00		meters
Y- Coordinate or Northing:		feet		4,741,711.00		meters		
Base Elevation	Base Elevation of Stack: 1,220.00		feet				meters	
Stack Height:		200.00		feet				meters
Exit Stack Dia	ameter	3.50		feet				meters
Exit Stack Ter	mperature	236.00		degrees Fahrenheit				
Exit Stack Ve	locity and/or Flo	w Rate:						
Velocity:	41.60	fe	eet per	second				meters per second
and/or								
Flow Rate:		actual cubic f	feet per	minute			actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	ation (i.e., Boiler #1, Unit #1, etc):	Gasifier Startup Burner #3							
2. Manufacturer:	to be determined		Manufacture d	ate: tbd					
3. Model number:	to be determined								
4. Type (i.e., steam	4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)								
5. Maximum designed operating rate (name plate):									
18			million Btus pe	er hour heat input					
or			horsepower						
or			kilowatts						
6. Check the appropriate box(es) for primary and secondary raw materials:									
Natural gas		Propane	e						
Distillate oil	Sulfur content		Weight percent						
Residual oil	Sulfur content		Weight percent						
Bituminous C	Coal Subbituminous	Coal	Lignite	e Coal					
Coal sulfur conte	ent Weight percent	Coal ash coa	ntent	Weight percent					
Other (please	specify)								
7. Has a stack test b	peen conducted (check appropriate be	ox)?	Yes	✓ No					
If a stack test has b	been conducted, please attach a copy	of the most re	cent stack test re	eport to this					
* *	Department already has a copy of the	e most recent s	tack test, please	specify the date of					
most recent stack te									
Date of most recent	stack test:								
Control Equipmen	at. If applicable, types of air pollution	on control equir	oment (Example	s. paoponse					
	Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).								

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

				_				
X- Coordinate	or Easting:			feet		686,88	38.00	meters
Y- Coordinate or Northing:			feet	feet		711.00	meters	
Base Elevation of Stack: 1,220.00		feet		meters				
Stack Height:		200.00	200.00					meters
Exit Stack Dia	it Stack Diameter 3.50		feet				meters	
Exit Stack Ter	nperature	236.00		degrees	Fahre	nheit		
Exit Stack Vel	locity and/or Fl	ow Rate:		•				
Velocity:	41.60		feet per	second				meters per second
and/or								
Flow Rate:		actual cubi	actual cubic feet per minute				actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	ation (i.e., Boiler #1, Unit #	Gasifier Startup Burner #4						
2. Manufacturer:	to be determined			Manufacture date:	tbd			
3. Model number:	to be determined							
4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)								
5. Maximum design	ned operating rate (name pla	ate):						
18	million Btus per hour heat input							
or				horsepower				
or				kilowatts				
6. Check the appropriate box(es) for primary and secondary raw materials:								
✓ Natural gas			Propane	e				
Distillate oil	Sulfur c	ontent		Weight percent				
Residual oil	Sulfur c	ontent		Weight percent				
Bituminous (Coal Subbit	uminous C	Coal	Lignite Coa	ıl			
Coal sulfur cont	ent Weigh	t percent	Coal ash co	ontent We	ight percent			
Other (please	specify)							
7. Has a stack test b	een conducted (check appr	opriate box	x)?	Yes	No			
	peen conducted, please atta Department already has a co							
most recent stack te	st.							
Date of most recent	stack test:							
Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).								

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

				_				
X- Coordinate or Easting:		feet 6		686,902.00		meters		
Y- Coordinate	or Northing:			feet		4,741,	711.00	meters
Base Elevation	Base Elevation of Stack: 1,220.00		feet				meters	
Stack Height:		200.00	200.00					meters
Exit Stack Dia	Exit Stack Diameter 3.50		feet				meters	
Exit Stack Ter	mperature	236.00		degrees	Fahre	nheit		
Exit Stack Ve	locity and/or Fl	ow Rate:		•				
Velocity:	41.60		feet per	second				meters per second
and/or								
Flow Rate:		actual cubi	actual cubic feet per minute				actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	ation (i.e., Boiler #1	, Unit #1, etc):	Gasifier Startup Burner #5						
2. Manufacturer:	to be determined	b		Manufacture	date:	tbd			
3. Model number:	3. Model number: to be determined								
4. Type (i.e., steam	boiler, simple cycle	combustion tur	bine, generator	, etc.)					
5. Maximum designed operating rate (name plate):									
18				million Btus p	er ho	ur heat input			
or				horsepower					
or				kilowatts					
6. Check the appropriate box(es) for primary and secondary raw materials:									
Natural gas			Propane	e					
Distillate oil	S	Sulfur content	·	Weight percen	t				
Residual oil	S	Sulfur content		Weight percen	t				
Bituminous C	Coal	Subbituminous	Coal	Ligni	te Coa	al			
Coal sulfur conte	ent	Weight percent	Coal ash co	ntent	We	eight percent			
Other (please	specify)			·	_				
7. Has a stack test b	een conducted (che	ck appropriate b	oox)?	Yes	'	No			
	peen conducted, plea								
application. If the I		has a copy of th	e most recent s	tack test, please	spec	ify the date of			
most recent stack te									
Date of most recent	stack test:								
Control Equipmen	it: If applicable, typ	es of air pollution	on control equi	oment (Exampl	es: ba	ghouse.			
Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).									

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

				-				
X- Coordinate or Easting:			feet		686,916.00		meters	
Y- Coordinate or Northing:			feet		4,741,711.00		meters	
Base Elevation of Stack: 1,220.00			feet				meters	
Stack Height:		200.00		feet				meters
Exit Stack Diameter 3.50			feet				meters	
Exit Stack Ter	mperature	236.00		degrees Fahrenheit				
Exit Stack Ve	locity and/or Flo	w Rate:						
Velocity:	41.60		feet per	second				meters per second
and/or								
Flow Rate:		actual cubic feet per minute					actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	ation (i.e., Boiler #1, Unit #1, etc):	Gasifier Sta	Gasifier Startup Burner #6					
2. Manufacturer:	to be determined		Manufacture d	late: tbd				
3. Model number: to be determined								
4. Type (i.e., steam	boiler, simple cycle combustion turb	bine, generator	, etc.)					
5. Maximum designed operating rate (name plate):								
18			million Btus po	er hour heat input				
or			horsepower					
or			kilowatts					
6. Check the appropriate box(es) for primary and secondary raw materials:								
Natural gas		Propane	e					
Distillate oil	Sulfur content		Weight percent					
Residual oil	Sulfur content	Sulfur content Weight percent						
Bituminous C	Coal Subbituminous	Coal	Lignite	e Coal				
Coal sulfur conte	ent Weight percent	Coal ash coa	ntent	Weight percent				
Other (please	specify)							
7. Has a stack test b	peen conducted (check appropriate be	ox)?	Yes	✓ No				
If a stack test has b	been conducted, please attach a copy	of the most re	ecent stack test re	eport to this				
* *	Department already has a copy of the	e most recent s	tack test, please	specify the date of				
most recent stack te								
Date of most recent	stack test:							
Control Equipmen	at. If applicable, types of air pollution	on control equir	oment (Example	s: haghouse				
Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).								

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

				_				
X- Coordinate or Easting:			feet		686,930.00		meters	
Y- Coordinate	or Northing:				feet		711.00	meters
Base Elevation of Stack: 1,		1,220.00)	feet				meters
Stack Height:		200.00	200.00		feet			meters
Exit Stack Diameter 3.50		3.50		feet				meters
Exit Stack Temperature 236.00				degrees	Fahre	nheit		
Exit Stack Vel	locity and/or Fl	ow Rate:		•				
Velocity:	41.60	41.60 feet per						meters per second
and/or								
Flow Rate:		actual cubic feet per minut					actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identification (i.e., Boiler #1, Unit #1, etc): Gasifier Startup Burner #7									
2. Manufacturer:	to be determine	ed		Manufacture date	e: tbd				
3. Model number:	3. Model number: to be determined								
4. Type (i.e., steam	boiler, simple cyc	le combustion tur	rbine, generator	, etc.)					
5. Maximum designed operating rate (name plate):									
18				million Btus per	hour heat input				
or				horsepower					
or				kilowatts					
6. Check the appropriate box(es) for primary and secondary raw materials:									
✓ Natural gas			Propane	e					
Distillate oil		Sulfur content		Weight percent					
Residual oil		Sulfur content		Weight percent					
Bituminous C	Coal	Subbituminous	s Coal	Lignite (Coal				
Coal sulfur conte	ent	Weight percen	t Coal ash co	ntent	Weight percent				
Other (please	specify)								
7. Has a stack test b	een conducted (ch	neck appropriate b	oox)?	Yes	No				
If a stack test has be application. If the I most recent stack te	Department already								
Date of most recent									
• 01 111000 1000110									
	Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).								

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

				•				
X- Coordinate	X- Coordinate or Easting:			feet		686,944.00		meters
Y- Coordinate or Northing:		feet		4,741,711.00		meters		
Base Elevation	Base Elevation of Stack: 1,220.00			feet				meters
Stack Height:		200.00		feet				meters
Exit Stack Dia	k Diameter 3.50			feet				meters
Exit Stack Ter	Exit Stack Temperature 236.00			degrees Fahrenheit				
Exit Stack Vel	locity and/or Flo	w Rate:						
Velocity:	41.60	1	feet per	second				meters per second
and/or								
Flow Rate:		actual cubic feet per minute					actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	ation (i.e., Boiler #	[‡] 1, Unit #1, etc):	Gasifier Startup Burner #8						
2. Manufacturer:	to be determine	ed		Manufacture	date:	tbd			
3. Model number:	3. Model number: to be determined								
4. Type (i.e., steam	boiler, simple cyc	le combustion tur	bine, generator	, etc.)					
5. Maximum designed operating rate (name plate):									
18				million Btus p	er ho	ur heat input			
or				horsepower					
or				kilowatts					
6. Check the appropriate box(es) for primary and secondary raw materials:									
✓ Natural gas			Propane	e					
Distillate oil		Sulfur content		Weight percen	t				
Residual oil		Sulfur content		Weight percen	t				
Bituminous C	Coal	Subbituminous	s Coal	Ligni	te Coa	al			
Coal sulfur conte	ent	Weight percen	t Coal ash co	ntent	We	eight percent			
Other (please	specify)				•				
7. Has a stack test b	een conducted (ch	neck appropriate b	oox)?	Yes	~	No			
If a stack test has b	peen conducted, pl	lease attach a cop	y of the most re	ecent stack test	report	to this			
application. If the I		y has a copy of th	ne most recent s	tack test, please	speci	ify the date of			
most recent stack te									
Date of most recent	stack test:								
Control Equipmen	ut: If applicable ty	nes of air pollution	on control equi	nment (Example	es: ha	ghouse			
Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).									

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.								
X- Coordinate	or Easting:			feet		686,84	46.00	meters
Y- Coordinate	- Coordinate or Northing:		feet		4,741,	711.00	meters	
Base Elevation	se Elevation of Stack: 1,220.00		feet				meters	
Stack Height:		200.00		feet				meters
Exit Stack Diar	meter	3.50		feet				meters
Exit Stack Tem	perature	236.00		degrees Fahrenheit				
Exit Stack Velo	ocity and/or Flo	w Rate:		•				
Velocity:	41.60		feet per	second				meters per second
and/or								
Flow Rate:		actual cubic feet per minute					actual cubi	c meters per second



This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit or Minor Operating Permit. (please complete shaded areas)

1. Facility identifica	ation (i.e., Boiler #1, Unit #1, etc):	Power Island Acid Gas Removal System						
2. Manufacturer:	to be determined		Manufacture date:	tbd				
3. Model number:	3. Model number: to be determined							
4. Type (i.e., steam	boiler, simple cycle combustion tur	rbine, generator	, etc.)					
physical absorption								
5. Maximum designed operating rate (name plate):								
544 milli	ion scf syngas per day							
or			horsepower					
or			kilowatts					
6. Check the approp	priate box(es) for primary and secon	ndary raw mater	rials:					
Natural gas		Propane	e					
Distillate oil	Sulfur content		Weight percent					
Residual oil	Sulfur content		Weight percent					
Bituminous C	Coal Subbituminous	s Coal	Lignite Co	oal				
Coal sulfur conte	ent Weight percen	t Coal ash co	ntent W	eight percent				
Other (please	specify)							
7. Has a stack test b	peen conducted (check appropriate l	box)?	Yes 🗸	No				
	peen conducted, please attach a cop							
* *	Department already has a copy of the	ne most recent s	tack test, please spec	cify the date of				
most recent stack te								
Date of most recent	stack test:							
Control Equipmen	at: If applicable, types of air polluti	on control equi	oment (Examples: b	aghouse.				
Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).								

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Stack Information: If this application is a renewal, contact the air program. We may have this information.								
X- Coordinate	or Easting:			feet		687,1	15.00	meters
Y- Coordinate	Y- Coordinate or Northing:		feet		4,741,	757.00	meters	
Base Elevation	Base Elevation of Stack: 1,220.00		feet				meters	
Stack Height:	ack Height: 200.00		feet	feet			meters	
Exit Stack Dia	ameter	10.00		feet				meters
Exit Stack Ter	mperature	100.00		degrees Fahrenheit				
Exit Stack Ve	locity and/or Flo	w Rate:		•				
Velocity:	63.64		feet per	second				meters per second
and/or								
Flow Rate:		actual cubic feet per minute					actual cubi	c meters per second